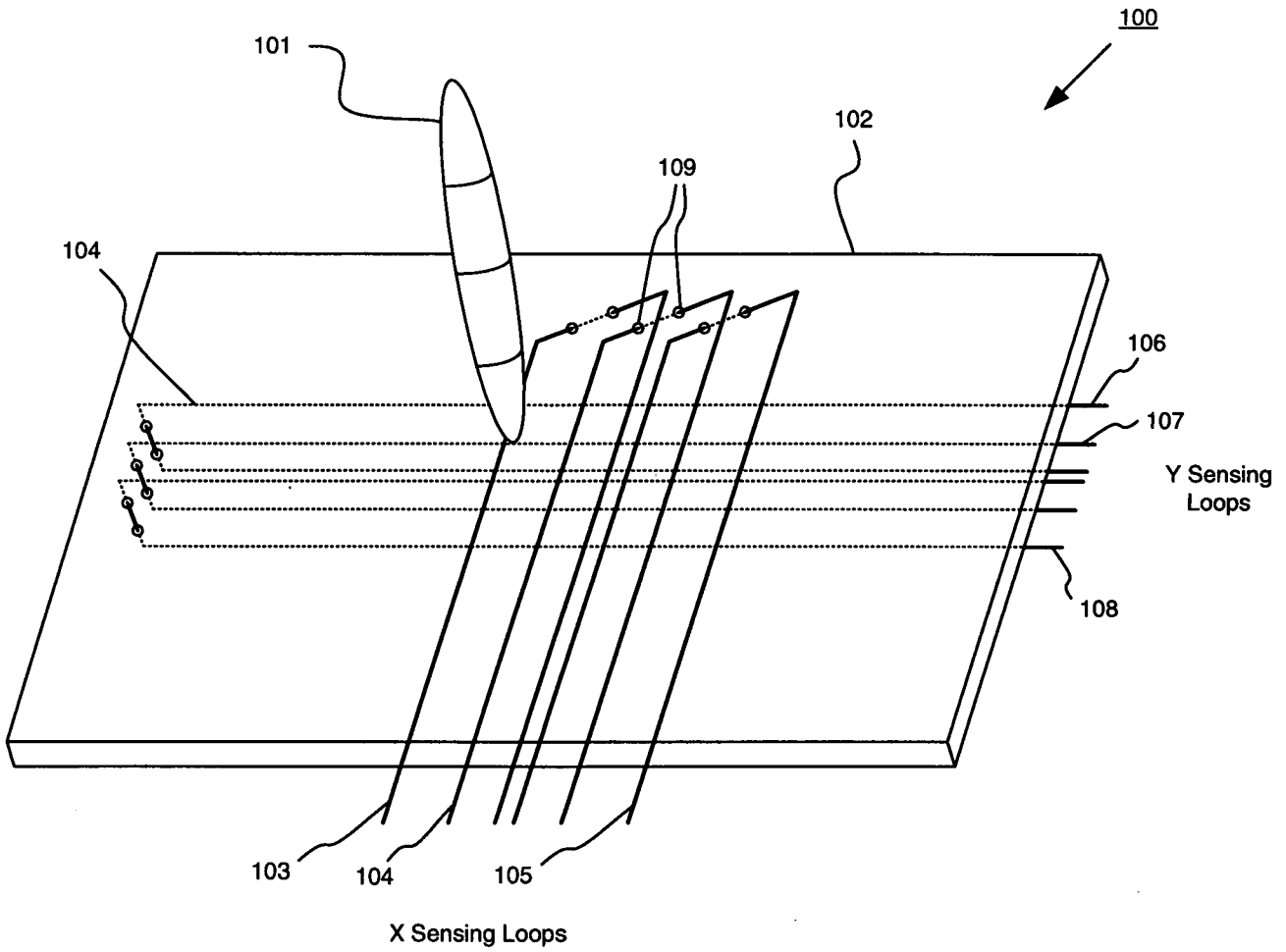
100
101
102
109
104
106
107
Y Sensing Loops
108
103
104
105
X Sensing Loops

Figure 1

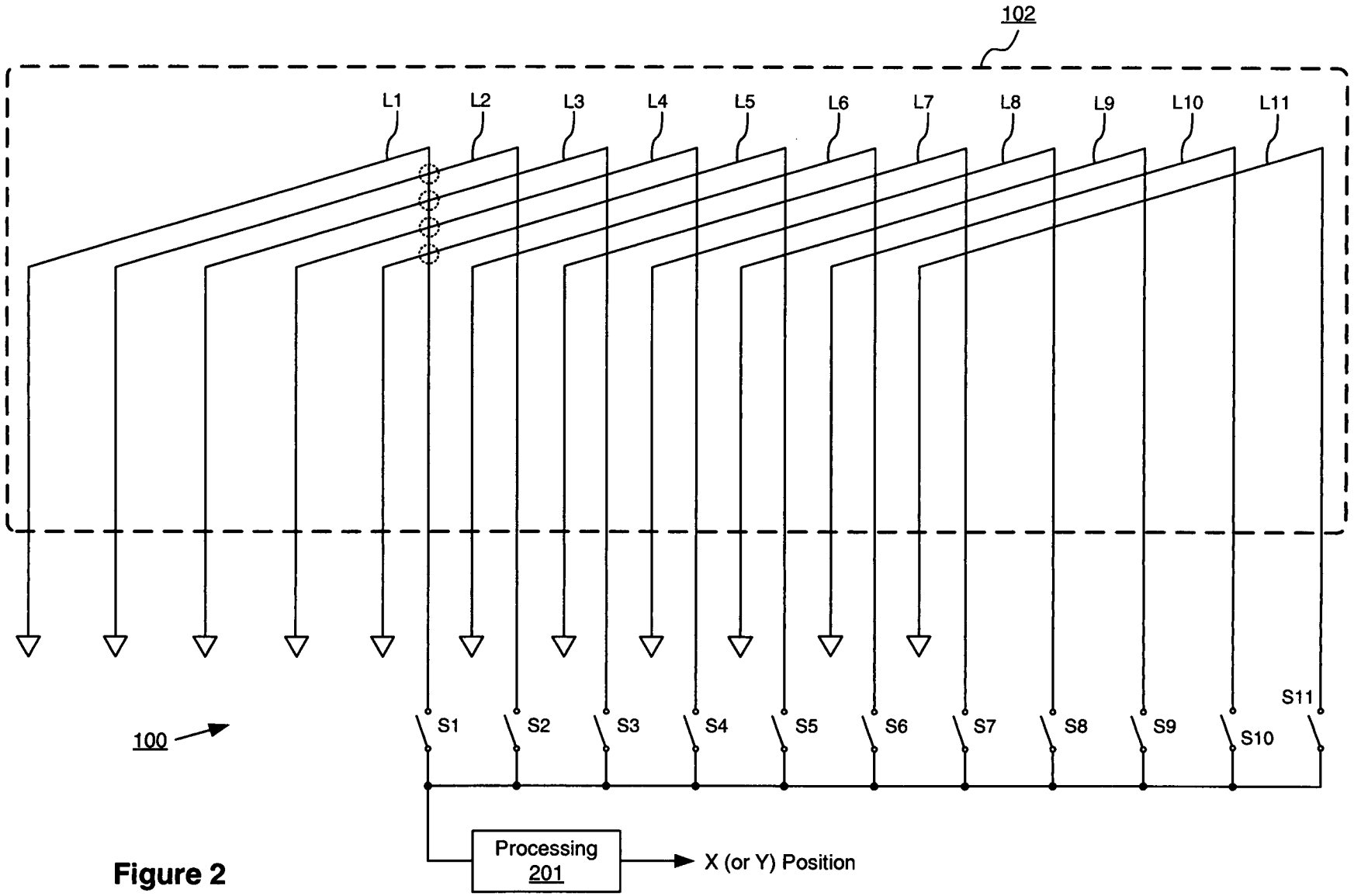
102
L1
L2
L3
L4
L5
L6
L7
L8
L9
L10
L11
S1
S2
S3
S4
S5
S6
S7
S8
S9
S10
S11
100
Processing
201
X (or Y) Position

Figure 2

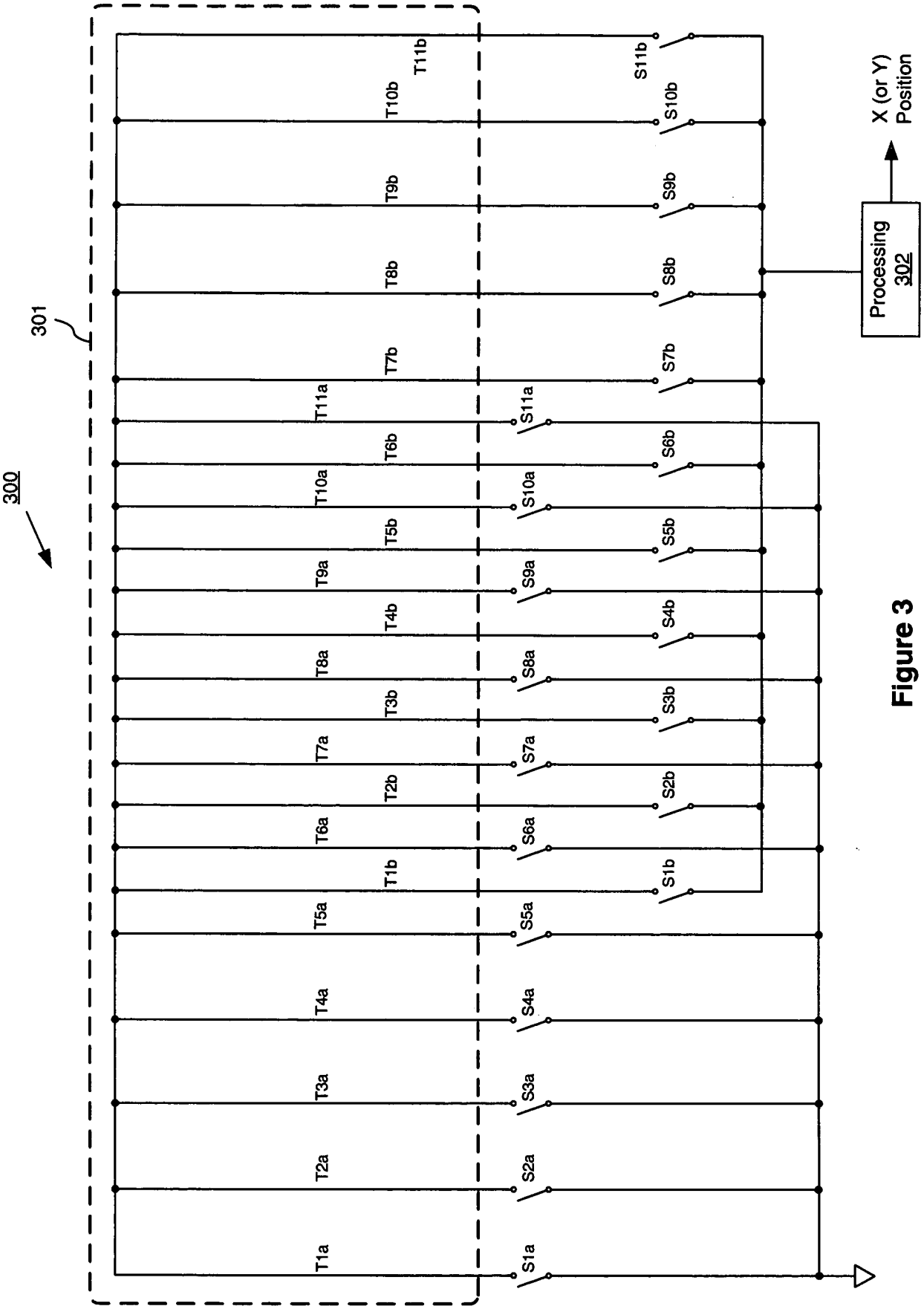
300
301
T1a
T2a
T3a
T4a
T5a
T6a
T7a
T8a
T9a
T10a
T11a
T1b
T2b
T3b
T4b
T5b
T6b
T7b
T8b
T9b
T10b
T11b
S1a
S2a
S3a
S4a
S5a
S6a
S7a
S8a
S9a
S10a
S11a
S1b
S2b
S3b
S4b
S5b
S6b
S7b
S8b
S9b
S10b
S11b
Processing
302
X (or Y)
Position

Figure 3

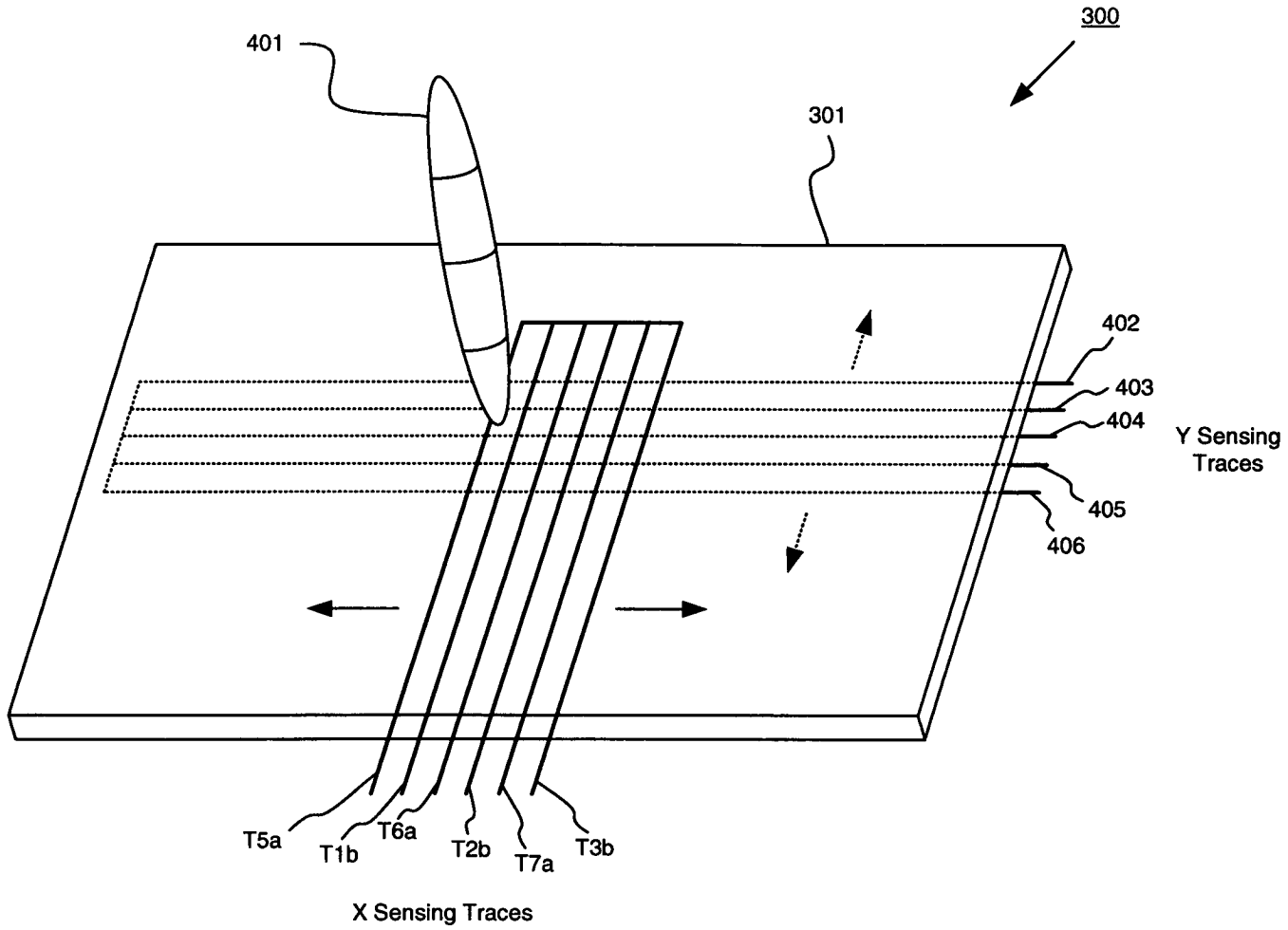
300
401
301
402
403
404
405
406
Y Sensing Traces
T5a
T1b
T6a
T2b
T7a
T3b
X Sensing Traces

Figure 4

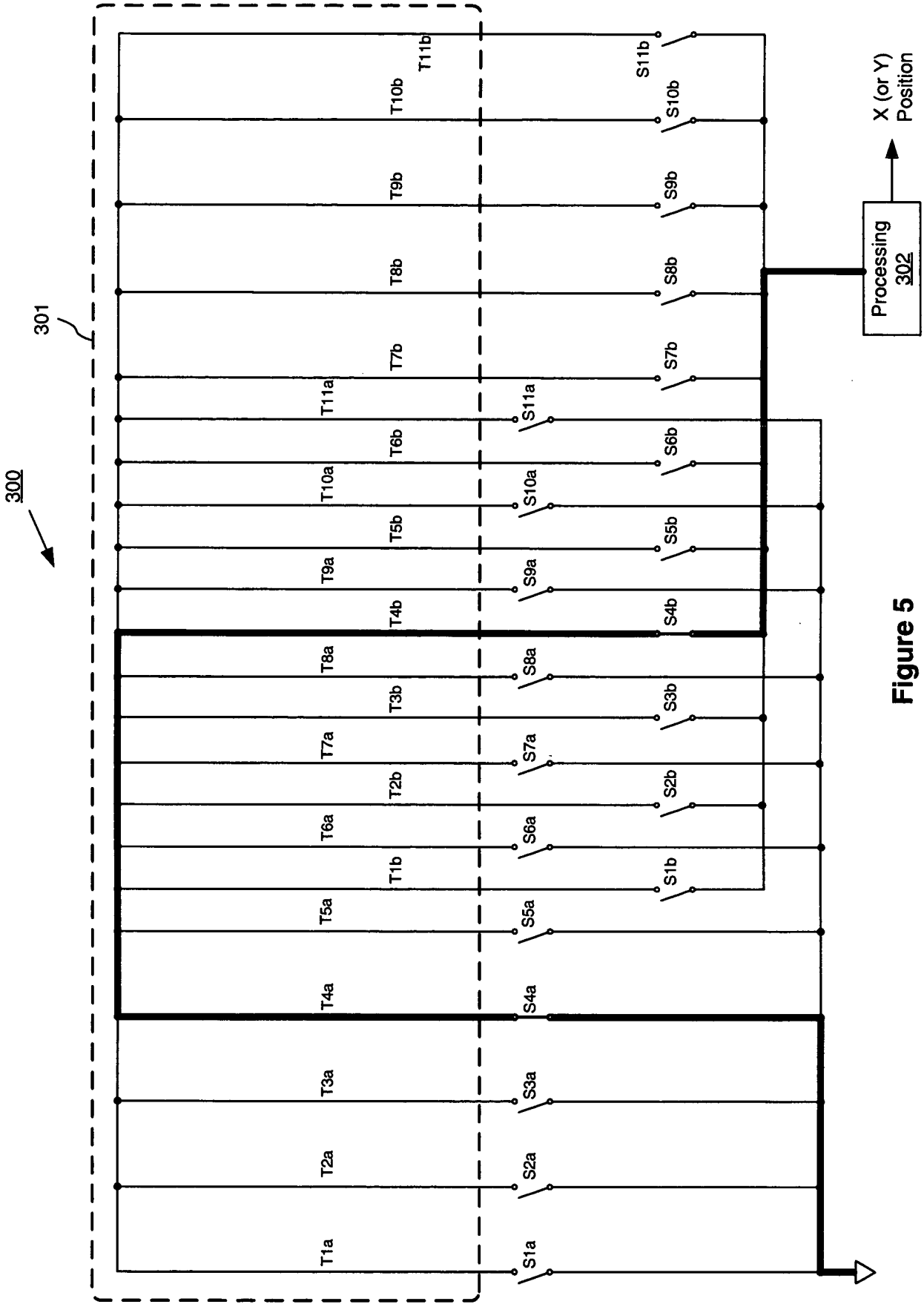
300
301
T1a
T2a
T3a
T4a
T5a
T6a
T1b
T7a
T2b
T8a
T3b
T9a
T4b
T10a
T5b
T11a
T6b
T7b
T8b
T9b
T10b
T11b
S1a
S2a
S3a
S4a
S5a
S6a
S1b
S7a
S2b
S8a
S3b
S9a
S4b
S10a
S5b
S11a
S6b
S7b
S8b
S9b
S10b
S11b
Processing
302
X (or Y)
Position

Figure 5

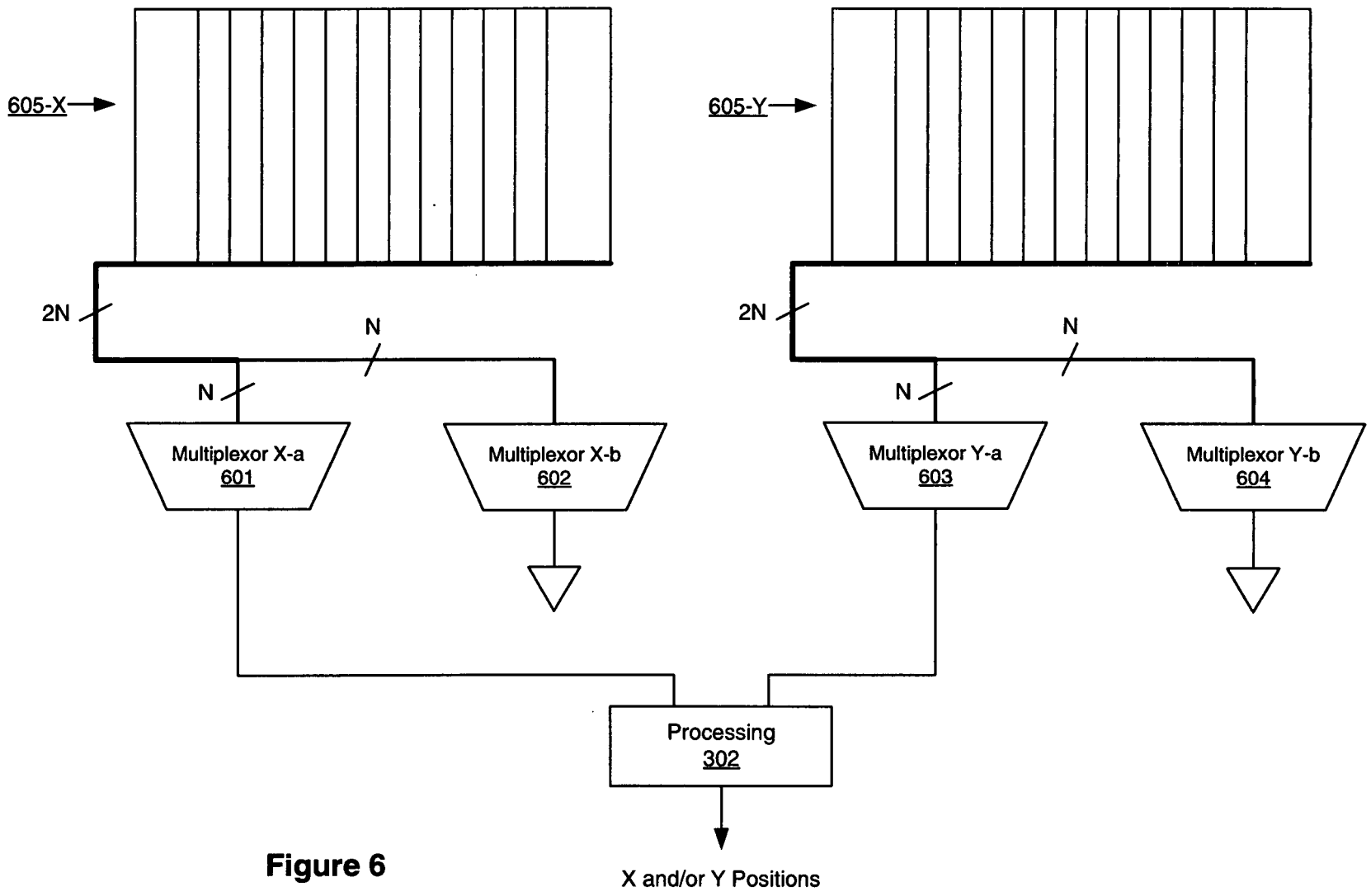
605-X
605-Y
2N
N
N
2N
N
N
Multiplexor X-a
601
Multiplexor X-b
602
Multiplexor Y-a
603
Multiplexor Y-b
604
Processing
302
X and/or Y Positions

Figure 6

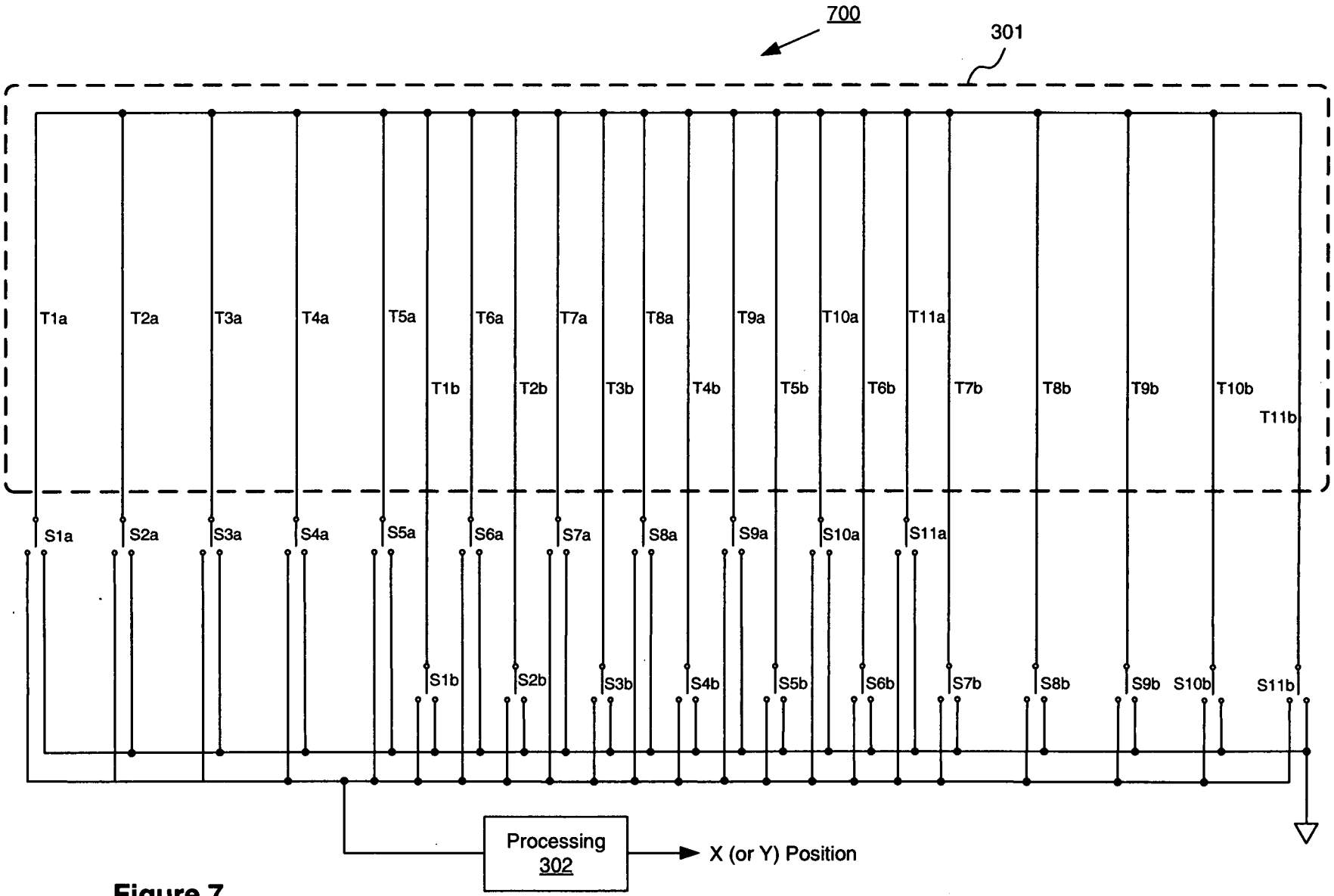
700
301
T1a
T2a
T3a
T4a
T5a
T6a
T7a
T8a
T9a
T10a
T11a
T1b
T2b
T3b
T4b
T5b
T6b
T7b
T8b
T9b
T10b
T11b
S1a
S2a
S3a
S4a
S5a
S6a
S7a
S8a
S9a
S10a
S11a
S1b
S2b
S3b
S4b
S5b
S6b
S7b
S8b
S9b
S10b
S11b
Processing
302
X (or Y) Position

Figure 7

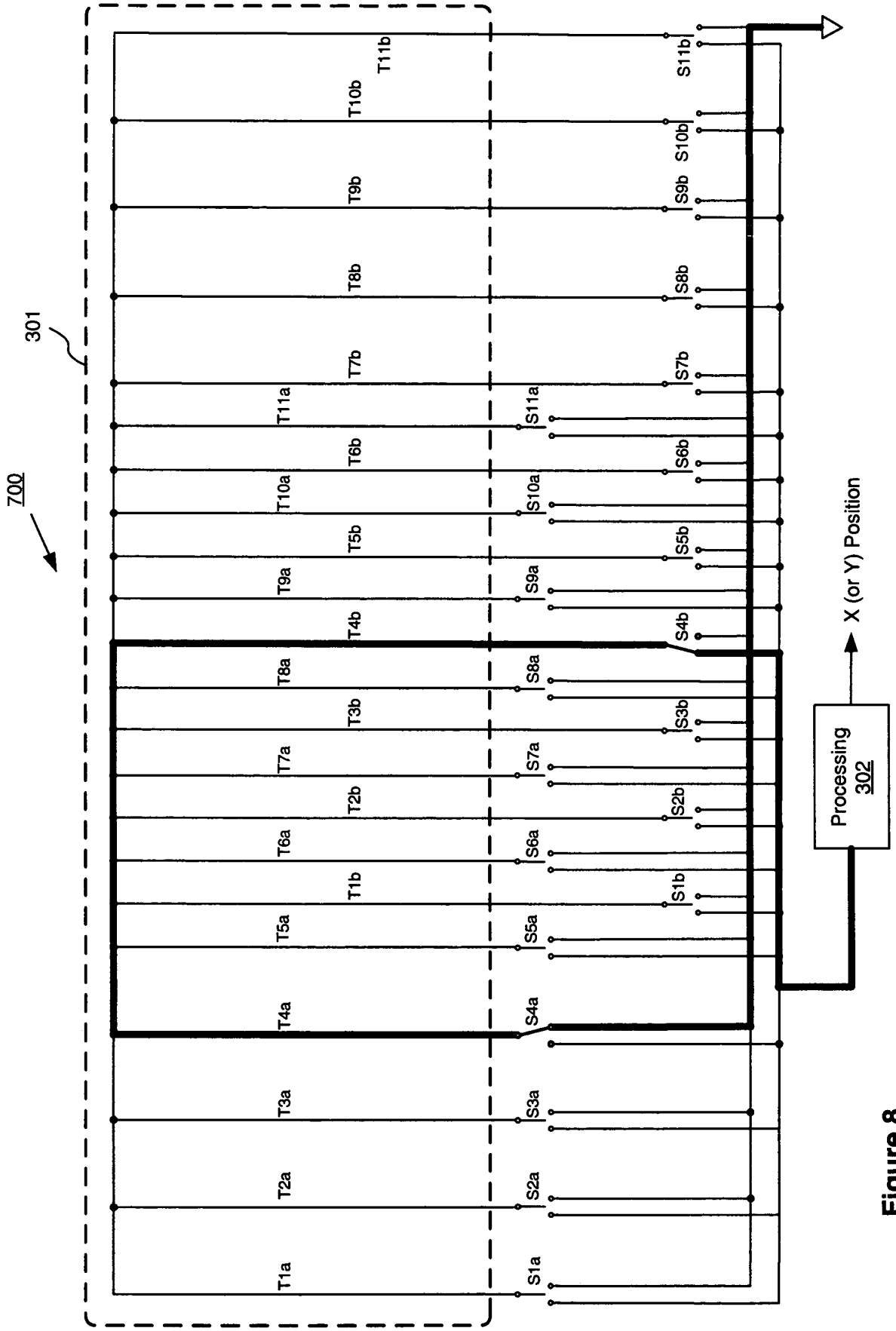
700
301
T1a
T2a
T3a
T4a
T5a
T6a
T7a
T8a
T9a
T10a
T11a
T1b
T2b
T3b
T4b
T5b
T6b
T7b
T8b
T9b
T10b
T11b
S1a
S2a
S3a
S4a
S5a
S6a
S7a
S8a
S9a
S10a
S11a
S1b
S2b
S3b
S4b
S5b
S6b
S7b
S8b
S9b
S10b
S11b
Processing
302
X (or Y) Position

Figure 8

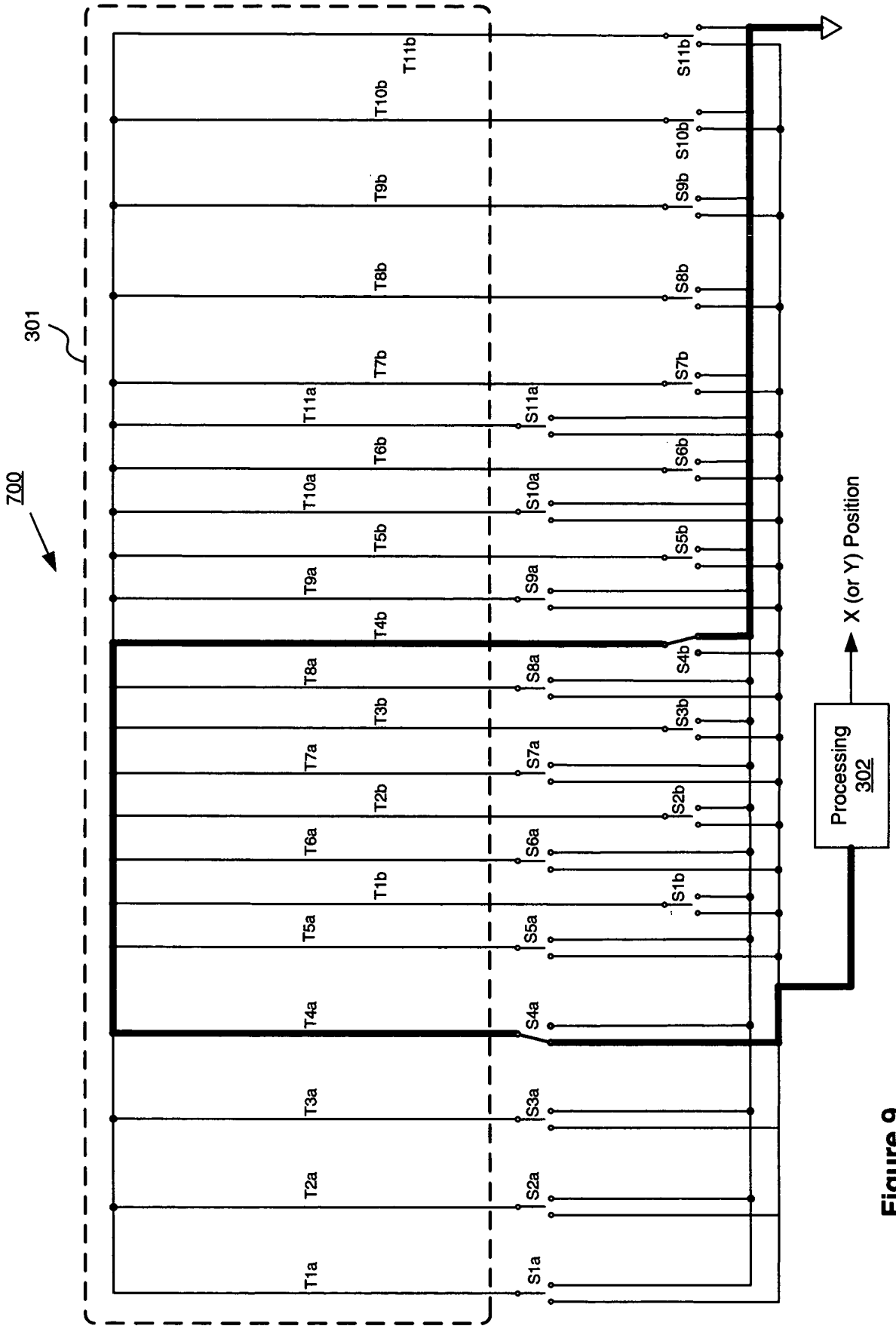
700
301
T1a
T2a
T3a
T4a
T5a
T1b
T6a
T2b
T7a
T3b
T8a
T4b
T9a
T5b
T10a
T6b
T11a
T7b
T8b
T9b
T10b
T11b
S1a
S2a
S3a
S4a
S5a
S1b
S6a
S2b
S7a
S3b
S8a
S4b
S9a
S5b
S10a
S6b
S11a
S7b
S8b
S9b
S10b
S11b
Processing
302
X (or Y) Position

Figure 9

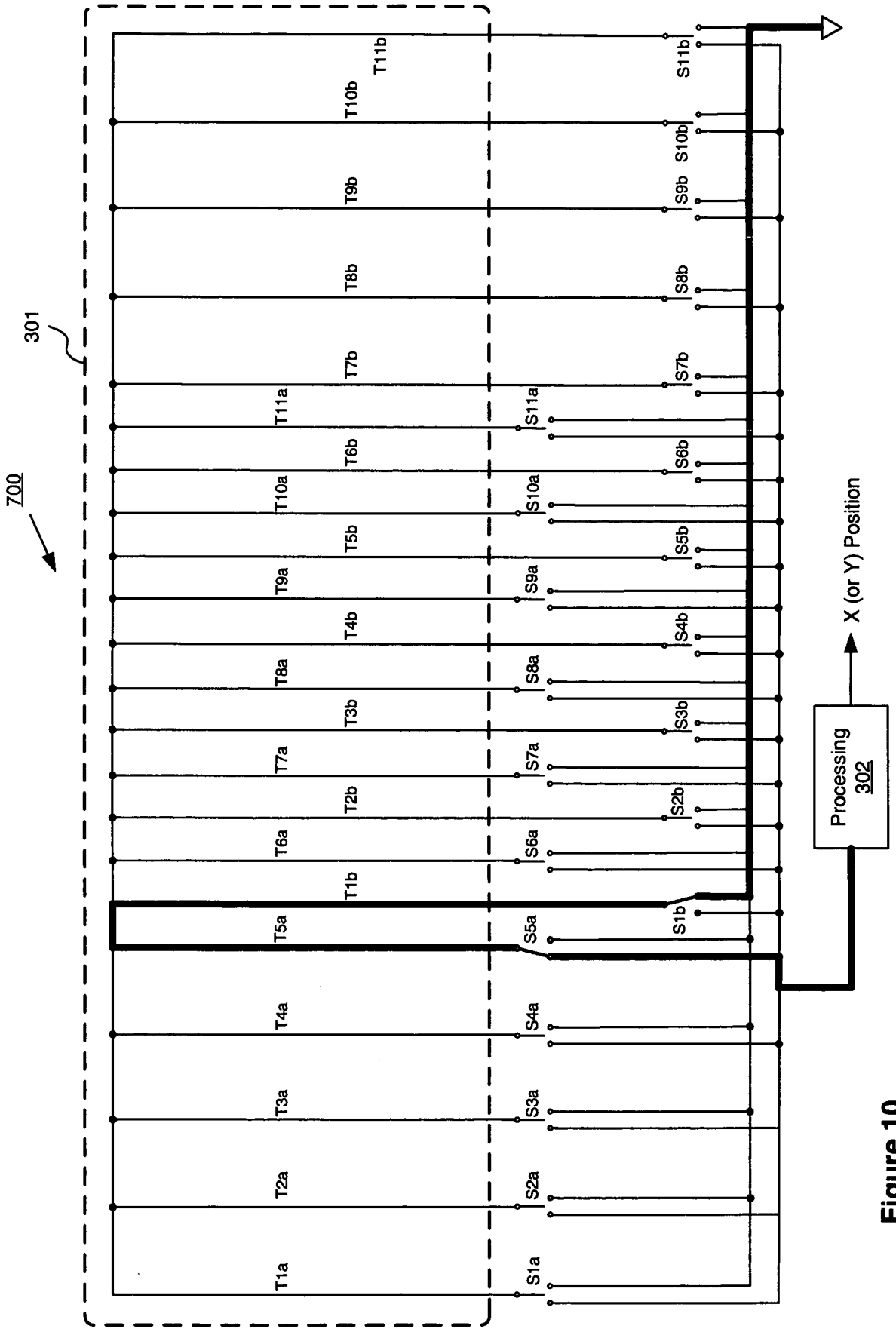
700
301
T1a
T2a
T3a
T4a
T5a
T6a
T7a
T8a
T9a
T10a
T11a
T1b
T2b
T3b
T4b
T5b
T6b
T7b
T8b
T9b
T10b
T11b
S1a
S2a
S3a
S4a
S5a
S6a
S7a
S8a
S9a
S10a
S11a
S1b
S2b
S3b
S4b
S5b
S6b
S7b
S8b
S9b
S10b
S11b
Processing
302
X (or Y) Position

Figure 10

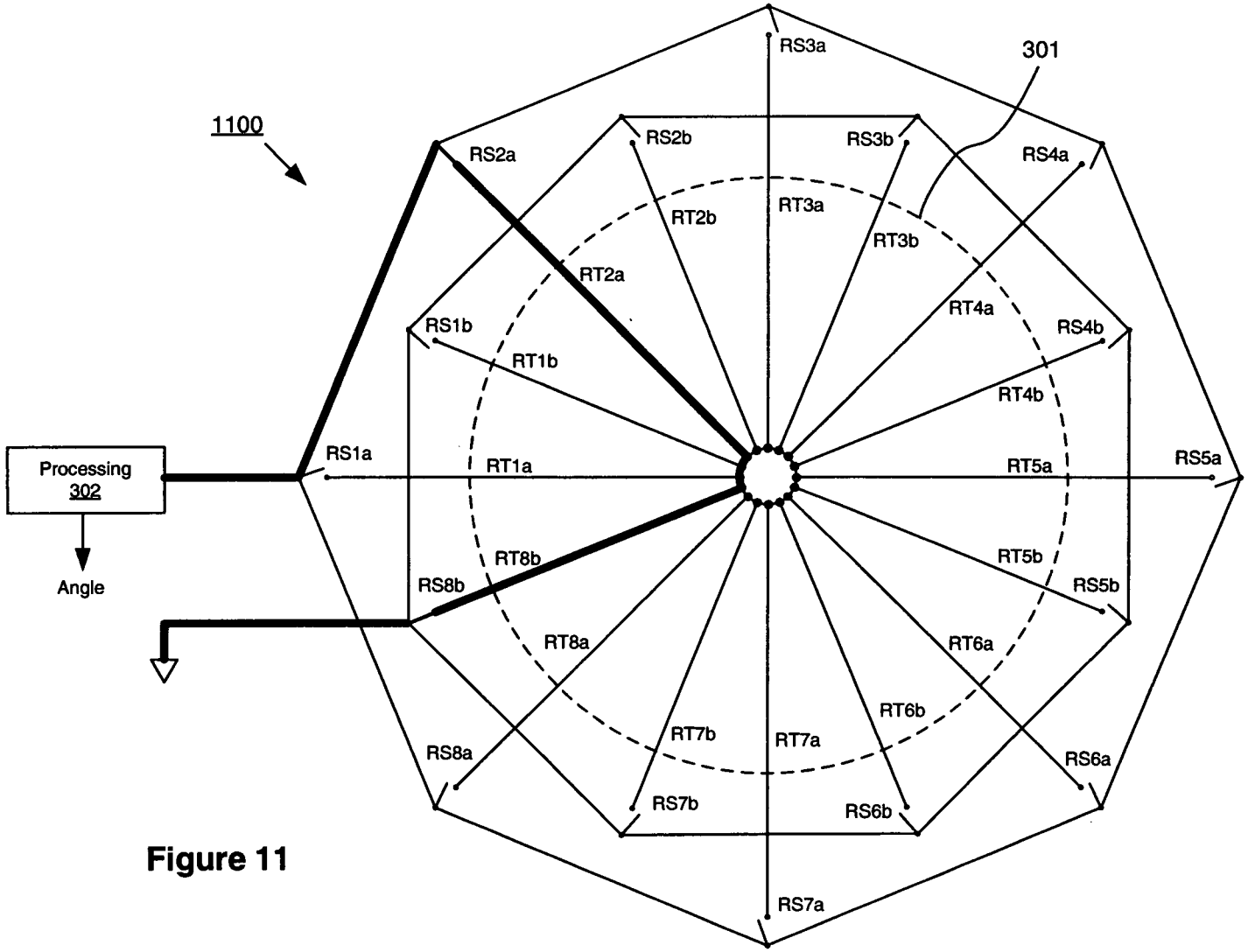
1100
301
RS3a
RS2b
RS3b
RS2a
RS4a
RT2b
RT3a
RT3b
RT2a
RT4a
RS1b
RS4b
RT1b
RT4b
Processing
302
RS1a
RT1a
RT5a
RS5a
Angle
RT8b
RT5b
RS8b
RS5b
RT8a
RT6a
RT6b
RT7b
RT7a
RS8a
RS6a
RS7b
RS6b
RS7a

Figure 11